

WHAT IS CLAIMED IS:

1. A non-interruption light source comprising:

a base;

a casing having an end connected to the base;

a battery which is a rechargeable battery;

a light source;

a shade having an opening and the other end of the casing being engaged with the opening;

a circuit board comprising a power circuit, a charging circuit, a detection circuit and a switching circuit, an alternative current source providing alternative current to the power circuit and the alternative current being switched into direct current which is supplied to the charging circuit, the switching circuit and the detection circuit, the alternative current source providing alternative current to the detection circuit which detects whether or not the alternative current is cut, the charging circuit charging the rechargeable battery which provides electric current to the switching circuit which is powered normally by the power circuit, the switching circuit supplying direct current provided by the power circuit to the light source when no signal is sent to the switching circuit from the detection circuit, the switching circuit supplying direct current provided by the rechargeable battery to the light source when a signal is sent to the switching circuit from the detection circuit, and

the circuit board, the battery and the light source being received in a space between the casing and the shade, the circuit board, the battery and the light source being electrically connected with each other by wires.

2. The light source as claimed in Claim 1, wherein the base is adapted to be connected to a conventional socket.
3. The light source as claimed in Claim 1, wherein the light source is a light emitting diode.
4. The light source as claimed in Claim 1, wherein the light source is composed of a plurality of light emitting diodes.
5. The light source as claimed in Claim 1, wherein the shade is in a form of a sphere.
6. The light source as claimed in Claim 1, wherein the shade is in a form of a spiral tube.
7. The light source as claimed in Claim 1, wherein the shade is in a form of three U-shaped tubes.
8. The light source as claimed in Claim 1, wherein the base is force-fitted to the casing.
9. The light source as claimed in Claim 1, wherein the base is welded to the casing.
10. The light source as claimed in Claim 1, wherein the base and the casing are glued together.
11. The light source as claimed in Claim 1, wherein the casing is threadedly connected to the shade.
12. The light source as claimed in Claim 1, wherein the casing is connected to the shade by a doweled joint.
13. The light source as claimed in Claim 1, wherein the casing is connected to the shade by rotating a doweled joint.
14. A non-interruption light source comprising:
a base;

a casing having an end connected to the base;

a battery which is a non-rechargeable battery;

a light source;

a shade having an opening and the other end of the casing being engaged with the opening;

a circuit board comprising a power circuit, a battery circuit, a detection circuit and a switching circuit, an alternative current source providing alternative current to the power circuit and the alternative current being switched into direct current which is supplied to the switching circuit and the detection circuit, the alternative current source providing alternative current to the detection circuit which detects whether or not the alternative current is cut, the battery circuit providing a power supply to the switching circuit which is powered normally by the power circuit, the switching circuit supplying direct current provided by the power circuit to the light source when no signal is sent to the switching circuit from the detection circuit, the switching circuit supplying direct current provided by the battery circuit to the light source when a signal is sent to the switching circuit from the detection circuit, and

the circuit board, the battery and the light source being received in a space between the casing and the shade, the circuit board, the battery and the light source being electrically connected with each other by wires.

15. The light source as claimed in Claim 14, wherein the base is adapted to be connected to a conventional socket.
16. The light source as claimed in Claim 14, wherein the light source is a light emitting diode.

17. The light source as claimed in Claim 14, wherein the light source is composed of a plurality of light emitting diodes.
18. The light source as claimed in Claim 14, wherein the shade is in a form of a sphere.
19. The light source as claimed in Claim 14, wherein the shade is in a form of a spiral tube.
20. The light source as claimed in Claim 14, wherein the shade is in a form of three U-shaped tubes.
21. The light source as claimed in Claim 14, wherein the base is force-fitted to the casing.
22. The light source as claimed in Claim 14, wherein the base is welded to the casing.
23. The light source as claimed in Claim 14, wherein the base and the casing are glued together.
24. The light source as claimed in Claim 14, wherein the casing is threadedly connected to the shade.
25. The light source as claimed in Claim 14, wherein the casing is connected to the shade by a doveled joint.
26. The light source as claimed in Claim 14, wherein the casing is connected to the shade by rotating a doveled joint.